

The Gold-Lid Method of Mercury Analysis (Excerpt  
From "Yugoslavian Ore Dressing Problems; The  
Treatment of Mercury Ores"), by W. Grunder, 3 pp.

*= English translation of Metallurgische*  
GERMAN, per, Erzmetall, Vol VI, No 12, 1953,  
pp 479-480.

S.L.A. Tr 1231

Sci - Min/Metals  
Jan 57 OYS

42,681

Continuous Lead Softening Process at the Oker  
Lead-Copper Metallurgical Works, by Jürgen Feiser,  
et al, 7 pp.

*English translation by ...*  
GERMAN, per, Ernststahl, Vol VII, 1954, pp 1-3.

1105  
S.L.A. Tr ~~2075~~/1956

Sci - Minerals/Metals  
Oct 56 CES

40,023

Contribution to Ilmenite Refining, by Dr Ing Walter Schaller, 8 pp.

GERMAN, per, Z. Erzbergbau u Metallhüttenw, Vol VII, 1954, pp 18-22.

S.L.A. Tr : 593/1955

Sci - Min/Met  
Apr 1957 CTB/dex

50, 232

61-20594

Eberius, Ernst and Kowalski, Werner.  
CONTRIBUTION TO THE DIRECT DETERMINATION  
OF COMBINED OXYGEN IN METALS AND METAL  
OXIDES. I. DETERMINATION OF ZINC OXIDE  
IN ZINC DUST AND ZINC ASHES. [1959] 13p.  
11 refs.  
Order from SLA \$1.60

61-20594

Trans. of Zeitschrift für Erzbergbau und Metallhütten-  
wesen (West Germany) 1954, v. 7, no. 6, p. 229-234.  
Another trans. is available from BSI £3 5s as  
BISI-1192 [1959].

DESCRIPTORS: \*Zinc compounds, Oxides, Oxygen,  
Metals, Separation, Solids, Particles, Ash, Process-  
ing, Solutions, Metallurgical analysis.

The method described permits titrimetric determina-  
tion of the oxide content, after dissolving the sub-  
(Chemistry--Analytical, TT, v. 7, no. 4) (over)

I. Eberius, E.  
II. Kowalski, W.  
III. Title: Determination ...

Office of Technical Services

Fatigue Tests on Cable Sheath of Unalloyed and Dilute Lead Alloy Cable Sheath, by W. Hoffman, R. Muller.

GERMAN, per, Erzmetall, Vol VII, No <sup>6</sup> 8, 1954, pp 247-252.

ASLTB-GB152

Sci

Aug 59

94, 213

Contribution to the Direct Determination of  
Combined Oxygen in Metals and Metallic Oxides,  
by E. Eberius, W. Kowalski. UNCL.

GERMAN, per, Ermstall, Jan 1954, pp 299-234.

British Iron and  
Steel Ind 1192

Sci - Min/Met  
May 59

85,834

Carbon Anodes for the Electrolysis of  
Aluminum, by W. Helling, R. Lange, and  
G. Helmrich, 12 pp.

*= Supplement to Materials to ...*  
GERMAN, per, ~~Erzenstall~~, Vol VII, 1954,  
pp 389-394.

SLA 57-2561

Sci

Aug 58

*N. 2. 1. 1. 1.*

69,860

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The Recovery and Purification of Germanium, by  
Oskar Roesner, 18 pp.

GERMAN, per, Zeitschrift für Erbergbau und  
Metallhüttenwesen, Jan 1955, p 1.

S. L. A. TR 663/56

38, 287

Sci - Min/Metals  
Aug 56 CTS/dex

62-18601

I. Rösner, O.

Rösner, Oskar.  
THE EXTRACTION AND PURIFICATION OF GERMA-  
NIUM. [1962] 9p. (figs. omitted).  
Order from SLA \$1.10 62-18601

Trans. of Zeitschrift für Erzbergbau und Metallhütten-  
wesen (West Germany) 1955 [v. 8, no. 1] p. 1-7.

DESCRIPTORS: \*Germanium, Purification, Solvent  
extraction.

(Engineering--Chemical, TT, v. 9, no. 10)

Office of Technical Services

(FDD 24954)

Antimony Mining in East Thuringia (Germany), by  
Manfred Bachmann, 21 pp.

GERMAN, no per, Z. fuer Erzbergbau und Metallhuet-  
tenwesen, Vol VIII, No 1, Stuttgart, Jan 1955,  
pp 7-14.

CIA/FDD/U-7165

ESur - Germany  
Econ - Ore mining

26,609

Jul 55

Some Problems in the Polishing of Aluminium and  
Aluminium Alloys, by F. Baumann.

GERMAN, per, Ergbauebau- u- Metallhüttenw.  
Vol VIII, 1955, pp 14-16.

INSDOC T-1654

Sci  
Aug 58

70,886

Some Results Obtained With Xanthates of  
Higher Alcohols, by G. Erberich.

GERMAN, per, Z. fuer Erzbergbau und  
Metallhüttenwesen, Vol VIII, 1955,  
pp 73-81.

CSIRO 2990

Sci - Chem

186,569

Feb 62

Bachmann, R.  
PREPARATION PROBLEMS OF THE GERMAN  
POTASSIUM INDUSTRY. [1963] 15p. (figs. omitted).  
Order from SLA \$1.60                      63-16284

Trans. of [Zeitschrift für Erzbergbau und Metall-  
hüttenwesen (West Germany) 1955, v. 8, p. B109-B114].

DESCRIPTORS: \*Potassium compounds, \*Minerals,  
\*Flotation (Separation), Solutions, Chemical industry.

(Engineering--Chemical, TT, v. 10, no. 11)

63-16284

I. Bachmann, R.

Office of Technical Services

Investigations on the Magnetic Separation of Ores, by R. Tille and W. Kirkpatrick.

GERMAN, per, Z. Erzbergbau u Metallhütten, Vol VIII, 1955, pp B117-126.

CSIRO-2989

Sci

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Practical Applications of Electrostatic Dressing and Separation, by Alfred Stieler, 24pp.

GERMAN, per, Z fur Erzbergbau und Metallhüttenwesen, Vol VIII, 1955, pp 127-136.

SLA 63-16134

Sci-M/M  
Jan 64

248,373

The Stripa Sink-Float Process, by J. Svensson.  
UNCL

GERMANY, per, Z Erz u Met, Apr 1955, pp 147-152.

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SCI - Min/Met  
Sep 59

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Dithiocarbamates as New Collectors for Sulfide, and  
Non-Sulfide Ores, by A. Gotte, F. Koenig, 13 p.

GERMAN, per, Zeit für Erzbergbau und Metallhüttenwesen  
1955, Vol VIII, [Suppl, pp B269-B274].

SLA 59-20724

Sci  
Apr 60  
Vol III, No 2

111, 697

Rapid Practical Photometric Analyses, by  
Walter Nielsch, 13 pp.

*... = experiment in that...*  
GERMAN, per, Kramstein, Vol VIII, No 8, 1955,  
pp 369-377.

~~A.C.S.I.L. 8-877~~

CIA/2-252

Sci - Physics  
Mar 57 CTS/dex

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Practical Problems in the Measurement of Fine  
Dusts, by D. Hasenclever, 23 pp.

GERMAN, no per, Z Bergbau u Metallhuttew,  
Vol IX, 1956, pp 11-17.

AEC Tr-2549

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Sci - Chemistry

Origin of Non-Metallic Impurities in Aluminum and  
Their Influence on Further Processing, by H.  
Schmitt, H. Wittner, 18 pp.

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Vol IX, No 9, 1956, pp 417-421.

SLA 59-10043

Sci - Min/Met  
Sep 59  
Vol 2, No 1

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Measuring the Aeration of Flotation Cells, by  
W. Grunder, W. Siemes, J. F. Kauffmann, 18 p.

GERMAN, per, Zeit Erzbergbau und Metallhüttenwesen,  
1956, Vol IX, No 12, pp 559-563.

SLA 59-17454

Sci  
Feb 60  
Vol 2, No 10

*Rept Internat*  
*TN 7 E 57 no 223*  
*108,911*

Leaching of Sulphidic Ores Under Pressure,  
by E. Discher, F. Pawlek.

GERMAN, per, Z fuer Erzbergbau und Metall-  
hüttenwesen, Vol X, Stuttgart, 1957,  
pp 158-166.

Dept of Interior  
TM7, 557, No 214

Sci - Min/Met

111,919

Mar 60

The Hsultain-Superpanner, by W. Grunder, G. Geyer, 8 pp.

GERMAN, per, Zeitschrift für Erzhbergbau und  
Metallhüttenwesen, Vol X, No 8, 1957, pp 370-373.

SLA 59-10001

Sci - Engr  
OIS I, 9  
Jun 59

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Amines and Amine Emulsions as Flotation Agents, by  
G. Erberich.  
GERMAN, per, Z. Erzbergbau u Metallhuttentv, No 13,  
1960, pp 64-67.  
\*NTIS TT 72-55105

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Status and Prospects of Large Diameter Borehole  
Drilling in West German Metal Mines, by  
G. Schmoll.  
GERMAN, per, Zeitschrift fuer Erzbergbau und  
Metallhuettenwesen, Vol 13, No 5, 1960, pp 223-  
228.  
NTC 71-14470-081

Feb 72

Investigations on the System Copper-Cuprous Sulphide,  
by F. Johansen, H. Vollmer.  
GERMAN, per, Z. Erzberg Metallhutt Wesen, Vol  
13, 1960, pp. 313-322.  
CSIRO/9291

Sci-Mat  
Aug 69

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Recent Findings Concerning ~~Combustion~~ Processes in  
Boreholes, by H. Luck.

GERMAN, per, Erzmetall, Vol X, No 8, 1957, pp 391-  
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ATS 120-GJ  
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Sci  
May 59

87,244

The Condensation of Flowing Vapors. (Nucleation  
and Diffusion), by R. Horbe.  
GERMAN, per, Zeit für Bergbau und Metallhutt,  
Vol 11, No 8, 1958, pp 383-388.  
NLL Ref:9022.9 (1155)

Sci-Phys  
Feb 70

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On the Velocity  $k$  of the Reaction of  
 $2Al + AlCl_3 \rightleftharpoons AlCl$ , by H. Hirschwald.

GERMAN, por, Ermetall, No 11, 1958,  
pp 99-104.

Broken Hill Prop Co Ltd  
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Sci - Chem  
Dec 61

*175, 130*

A Contribution to the Solution of the Problem of  
Chromite Flotation, by H. J. Morawietz,

GERMAN, per, Z. Erzbergbau und Metallhuttew.  
Vol XII, No 7, pp 309-321, No 8, 1959, pp 388-393.

ATS 492-GJ

Sci - Phys

Aug 60

123,930

The Separation of Arsenic During  
Magnetic Toasting of Pyrite Flotation  
Concentrates Containing Arsenic,  
by K. G. Gorling, H. Apler.  
GERMAN, per, Z. fur Erzb. U. Mt.,  
Vol 12, Nov 1959, pp 553-557.  
BISI 4245

Sci/M&M  
Aug 65

284,696

Concerning Chemical Technology of Aluminum,  
by Hans Ginsberg, ~~20 pp.~~

GERMAN, per, Z. fuer Erzaerzuehung und Metall-  
huettenwesen, Vol XIII, No 1, 1960, pp 1-6.

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TWT 857 No 397

Sci - Min/Metals

168,531

Sep 61

<p>Lange, A. SUSPENSION SMELTING AND OTHER HIGH- EFFICIENCY PROCESSES. [1960] 12p. Order from ATS \$3.50                    ATS-47M45G</p> <p>Trans. of Zeitschrift für Erzbergbau und Metall- hüttenwesen (West Germany) 1960, v. 13, no. 4, p. 151-157.</p> <p style="text-align: center;"><i>147,028</i></p> <p>(Engineering--Chemical, TT, v. 5, no. 5)</p>	<p style="text-align: center;">61-12414</p> <ol style="list-style-type: none"><li>1. Ores--Processing</li><li>2. Metals--Separation</li><li>3. Title: Suspension smelting</li></ol> <ol style="list-style-type: none"><li>I. Lange, A.</li><li>II. ATS-47M45G</li><li>III. Associated Technical Services, Inc., East Orange, N. J.</li></ol> <p style="text-align: center;">Office of Technical Services</p>
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<p>Hennig, U. and Pawlek, F. STUDIES ON THE CONSTITUTION OF COPPER ELECTROLYSIS SLIMES. [1960] 12p. Order from ATS \$17.60                      ATS-24M46G</p>	<p>61-12390</p>
<p>Trans. of [Zeitschrift für Erzbergbau und Metall- hüttenwesen] (West Germany) 1960, v. 13, no. 5, p. 205-212.</p>	<p>1. Copper ores--Flotation 2. Electrolysis--Analysis 3. Electrolytes--Chemical analysis 4. Title: Slimes I. Hennig, U. II. Pawlek, F. III. ATS-24M46G IV. Associated Technical Services, Inc., East Orange, N. J.</p>
<p>(Metallurgy, TT, v. 5, no. 5)</p>	<p>Office of Technical Services</p>

146,981

61-12423

Lange, A.  
SUSPENSION SMELTING AND OTHER HIGH-EFFI-  
CIENCY PROCESSES. [1960] 12p.  
Order from ATS \$18.95                    ATS-46M45G

Trans. of Zeitschrift für Erzbau und Metall-  
hüttenw[esen] (West Germany) 1960, v. 13, no. 5,  
p. 216-223.

147,030

1. Ores--Processing
  2. Metals--Separation
  3. Title: Suspension smelting
- I. Lange, A.
  - II. ATS-46M45G
  - III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

(Engineering--Chemical, TT, v. 3, no. 5)

The Structure and Properties of Metallurgical  
Slags. II, by P. Rontgen, et al.

GERMAN, per, Z fuer Erzbergbau Metallhüttenwesen,  
Vol XIII, Aug 1960, pp 363-373.

BIBI 2475

Sci - Min/Metals

*186, 952*

Mar 62

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Concerning the Thermal Manufacture of  
Aluminum-Silicon Alloys With High Aluminum  
Content, by H. Schmitt, and H. Wittner.

GERMAN, per, Z. Für ERZE Erbergben und  
Metallurtenwesen, Vol XIII, No 10, 1960,  
pp 471-477.

Dept of Interior  
TR 57 No 412

Sci - Min/Met

168,527

Sep 61

62-14645

I. Nölting, P.

Nölting, P.  
POSSIBILITIES OF AUTOMATION IN CONTINUOUS  
CASTING. [1962] 6p. (3 figs. omitted).  
Order from SLA \$1. 10 62-14645

Trans. of Zeitschrift [f]ür Erzbergbau und Metall-  
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p. 32-35.

DESCRIPTORS: \*Casting, \*Automation, Metals, Mold-  
ing, Liquid metals.

(Metallurgy, TT, v. 8, no. 7)

Office of Technical Services

Nicaise, R.  
SMELTING AND ROASTING ZINC CONCENTRATES  
BY THE OVERPELT PROCESS. 19 Apr 61 [14]p.  
Order from SLA \$1.60 61-18308

Trans. of Zeitschrift für Erzbergbau und Metallhütten-  
wesen (West Germany) 1961, v. 14, no. 2, p. 63ff.

DESCRIPTORS: \*Zinc, Processing.

(Metallurgy, TT, v. 6, no. 9)

61-18308

1. Title: Overpelt process  
1. Nicaise, R.

185438

Office of Technical Services

One Examination in an Emission Microscope, by  
B. Govalets.

GERMAN, per. Fremstall, Vol XIV, No 4, 1961,  
pp 159-167.

CEGB 2544

Sci - Chem  
Mar 63

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Influence of Mixtures of Surface-Active Substances on  
the Economics of Iron Oxide Flotation, by  
P. Young.

GERMAN, per. Z. fuer Erzbergbau und  
Metallhüttenwesen, Vol XIV, No 4, 1961,  
pp 184-188.

CRL/T.848

Sci  
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A Photometric Determination of Zinc in Iron  
Ore, by H. Pohl.

GERMAN, per, Zeitschrift für Erbergbau und  
Metallhüttenwesen, Jan 1963, pp 18-21.

BSI 3286

Sol - M/M  
Aug 63

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Application of Hydraulic Filling in Over-Head  
Stopping of Copper Mines at Mitterberg, by  
M. Maczek.  
GERMAN, per, Zeit.Fur Erzbr. Und.Metall, Vol. 16  
No. 9, 1963, pp 459-468.  
INSDOC/T.7016. pp.16

Sci -  
Aug 67

335-672

Determination of Metallic Zinc in Zinc Dust  
and Thin Zinc Layers.  
GERMAN, per, Erzmetall, Vol. 17, No. 4, 1964,  
pp 181-192  
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Sci -  
Aug 67

335-650

Contribution to the Kinetics of Oxidizing Roasting  
of Zinc Blende, by J. Gerlach, W. Stichel.  
GERMAN, per, Erzmetall, Vol 17, No 3, 1964, pp 33-  
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Sci -  
Aug 67

336,552

Voltage Dependence of Loss Factor in Foil and Paper Condensers, by R. Guthmann, 18 p.

GERMAN, pt.; Zeit ETZ Elektrotechnische, 1954,  
Vol LXXV, No 2, pp 45-48.

SLA 59-15795

Sci  
Dec 59  
Vol 2, No 6

*104,016*

Acclimatization, by R. Virchow.  
GERMAN, per, Zeitschrift fur Ethologie, 1885,  
pp 202-214.  
NASA TT F-11,147

Sci-  
Sept 67

324 342,011

Family and Relationship Structures, by Loffler,  
G. Lorenz, 8 pp.

GERMAN, per, Zeitschrift für Ethnologie, Vol LXXXVII,  
No 2, 1963, pp 203-208.

NIH 12-4-64 3

Sci - Biol & Med  
Feb 64

250,173

Experimental Investigations on the Phenomenology  
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GEBHAR, per, Z Exper Angew Physiol, No 1, 1953,  
pp 214-241.

NIE 4-37

Sci - Med

May 59

86,364

TT-64-10345

Pinillos, Jose L. and Brengelmann, Johannes C.  
PICTURE RECOGNITION AS A PERSONALITY TEST  
(Bildererkennung als Persönlichkeitstest). [1963] [30p]  
6refs  
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I. Pinillos, J. L.  
II. Brengelmann, J. C.

Trans. of Zeitschrift für Experimentelle und Angewandte  
Psychologie (West Germany) 1953, v. 1, p. 420-500.

(Behavioral Sciences--Psychology, TT, v. 12, no. 1)

Office of Technical Services

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and Mimicry Recognition. Part I, by R. Ahrens,  
58 pp.

GERMAN, per, Z fuer Experimentelle und Angewandte  
Psychologie, Vol II, 1954, pp 412-454.

NIB 3-1-60

Sci - Med

May 60

117,404

The Method of the Spectacle Experiment in Per-  
~~ception Psychology~~ ception Psychology With Comments  
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GERMAN, per, Z Exp u Angew Psychol, Vol III, 1956,  
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NH 8-29

Sci - Med

Sep 58

73,480

New Experiences With the Pauli-Test, by Eberhard  
Ulich, 27 pp.

GERMAN, per, Z. für Experimentelle und Angewandte  
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SLA 59-20880

Sci

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Nov 60

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Noise and Learning - Studies on the Role of the Activation  
Level in Learning, by Hormann, Hans, 5 pp.  
GERMAN, per, Zeit Experimentelle und Angewandte  
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Sci - Biol & Med  
Feb 64

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GERMAN, per, Z fuer Experimentelle undr Angewandte  
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Sci-B/M  
Feb 65  
U.S. GOVERNMENT ONLY

274,598

Relation Between Age and Learning of Conditioned  
Avoidance Response in White Rats, by K. Barrig,  
E. Grandjean.  
GERMAN, per, Z fuer Experimentelle und Angewandte  
Psychologie, Vol. III, No 5, 1959, pp 266-276.  
NASA TT F-9202

Sci-B/M  
Feb 65  
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274,5926

Speed of Information Processing and  
its Relation to Intelligence, by  
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GERMAN, per, Zeitschrift fuer  
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Psychologie, Vol 11, 1964, pp 616-622  
NTC 72-12039-05J

June 72

Experiments on the Transmission of Burn Venom, by  
Eduard Vogt, 54 pp. UNCLASSIFIED

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Sci - Medicine  
Nov 60

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GERMAN, per, Z Fuor Exp Path U Ther,  
Vol 17, 1915, pp 370-382.  
NIH 6-36-65

Sci/B&M  
Jul 65

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The Effect of Diabetic Measures on the Osmotic  
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GERMAN, per. Z für Experimentelle Pathologie  
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NASA TT F-9439

Sci-B/AS  
Jun 65

On the Behaviour of Telegraphic Signals of Loaded  
Lines, by F. Breisig, 38 pp.

GERMAN, per, Z. Fernmelde-<sup>1</sup>tech., Vol I, 1920, pp 146,  
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SLA 57-1559

Scientific -

63,386

Study of the Operation of an Electromagnet, by  
A. Flad, 6 pp.

GERMAN, per, Z Fernmeldetechnik Werk-u Geratebau,  
Vol II, 20 Jul 1920, pp 139-141.

SLA 57-2282

May 58

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Eliminating Disturbances on Low Current Lines  
That are Under the Influence of Adjacent Power  
Lines, 26 pp.

GERMAN, per; Z Fernmeldetechnik Werk und Geratebau,  
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SLA 57-1476

Sci -  
May 58

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Economic Factors in Telephony, by F. J. Dommerque, 21 pp.

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SLA 57-1484

Scientific -

63,395

Telephony Over Power Lines, by G. Dressler, 29 pp.

GERMAN, per, Z Fernmelde- u. Nachrichtentechnik, Vol VIII, No 1,  
Jan 1957, p. 6.

SLA 57-1470

Sci - Electronics  
May 58

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GERMAN, per, Fernmeldetech, Vol IX, No 2/3,  
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SLA 57-1474

Sci - Electronics  
May 58

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On the Theory of Space Charge Grid Tubes, by  
F. Below, 66 pp.

GERMAN, per, Z. Fernmeldetechnik Werk u. Geratebau,  
Vol IX, No 8, Aug 1928, pp 113-118; and No 9,  
Sept 1928, pp 136-143.

SLA 57-1413

Scientific -

63,377

Determination of the Probability of Loss When Using  
Load Distributing Switches, by C. D. Crommelin, 39 pp.

GERMAN, per, Z. Fernmeldetech, Vol XIII, No 3,  
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SLA Tr 57-2427

Sci

Aug 58

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Currents in Fire Alarm Systems in the Case of  
Grounding, by H. Bocker, 20 pp.

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Vol XVII, No 5, 22 May 1936, pp 69-73.

SLA Tr 57-2456

Sci

Aug 58

68,665

Classification of Selectors into Structural  
Groups, by J. Boysán, 12 pp.

GERMAN, per, Z. Fernmeldetechnik Merk II  
Gerätebau, Vol XVIII, No 12, 15 Dec 1937,  
pp 185-189.

SLA Tr 57-2108

Sci - Elec Engr

JUL 58

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Introduction to the Theory and Application of  
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GERMAN, per, Z. Physik, Vol. XXXIII, No 12,  
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SLA 58-317

Sci

Aug 59

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The Influence of Climate on Material Stressing Under  
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GERMAN, per, 2. Fernmeldezw, Vol XXVII, No 1, pp  
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SLA 58-485

Sci

Aug 59

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The Influence of Climate on Material Stressing Under  
Tropical Conditions, by W. M. H. Schulze, 42 pp.

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1-10; No 2, pp 21-28, 35-40; 1943.

SLA 58-425

Sci

Aug 59

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Age determination and growth of the eel (Anguilla vulgaris L.) (Über Alterbestimmung und Wachstum Aales) Zeitschrift für Fischerei, 14(4): 265-281. In German.

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Original Article Checked *ML*

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